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 Hennessy, M.; Malloy, B.A.; Power, J.F.;  
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 Cutuli, G.; Mumolo, E.; Tessarotto, M.;  
[Information Technology Interfaces, 2002. ITI 2002. Proceedings of the 24th International Conference on](#)  
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 Power, J.F.; Malloy, B.A.;  
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 Simic, H.; Topolnik, M.;  
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Eidenberger, H.; Breiteneder, C.;  
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11-13 Dec. 2002 Page(s):255 - 262  
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Jung-Min Yang; Jong-Sung Kim;  
Systems, Man, and Cybernetics, 2001 IEEE International Conference on  
Volume 4, 7-10 Oct. 2001 Page(s):2317 - 2321 vol.4  
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Hong, D.; Eleftheriadis, A.;  
Multimedia and Expo, 2002. ICME '02. Proceedings. 2002 IEEE International Conference on  
Volume 1, 26-29 Aug. 2002 Page(s):773 - 776 vol.1  
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Cooperative Information Systems, 1998. Proceedings. 3rd IFCIS International Conference on  
20-22 Aug. 1998 Page(s):32 - 41  
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Xin Xiang; Yuanchun Shi; Ling Guo;  
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Myers, D.S.; Meyer, J.L.; DePasquale, P.; Hendricks, R.W.;  
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17-20 June 2001 Page(s):213 - 221  
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Irwin, W.; Churcher, N.;  
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Kenneth M. Anderson

February 1999 **Proceedings of the tenth ACM Conference on Hypertext and  
hypermedia : returning to our diverse roots: returning to our diverse  
roots HYPERTEXT '99**

Publisher: ACM Press

Full text available: pdf(1.42 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**Keywords:** Chimera, open hypermedia systems, scalability

### 2 [Supporting industrial hyperwebs: lessons in scalability](#)

Kenneth M. Anderson

May 1999 **Proceedings of the 21st international conference on Software engineering  
ICSE '99**

Publisher: IEEE Computer Society Press

Full text available: pdf(1.47 MB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**Keywords:** open hypermedia systems, scalability, software engineering

### 3 [Managing the software design documents with XML](#)



Junichi Suzuki, Yoshikazu Yamamoto

September 1998 **Proceedings of the 16th annual international conference on  
Computer documentation SIGDOC '98**

Publisher: ACM Press

Full text available: pdf(1.09 MB)


Additional Information: [full citation](#), [references](#), [index terms](#)**Keywords:** CASE data interchange, UML, XML, software model interchange

### 4 [Practical experience with an application extractor for Java](#)



Frank Tip, Chris Laffra, Peter F. Sweeney, David Streeter

October 1999 **ACM SIGPLAN Notices , Proceedings of the 14th ACM SIGPLAN  
conference on Object-oriented programming, systems, languages, and**


**applications OOPSLA '99**, Volume 34 Issue 10**Publisher:** ACM PressFull text available:  [pdf\(2.31 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

Java programs are routinely transmitted over low-bandwidth network connections as compressed class file archives (i.e., zip files and jar files). Since archive size is directly proportional to download time, it is desirable for applications to be as small as possible. This paper is concerned with the use of program transformations such as removal of dead methods and fields, inlining of method calls, and simplification of the class hierarchy for reducing application size. Such "extract ...

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Joseph Bergin, Thomas L. Naps, Constance G. Bland, Stephen J. Hartley, Mark A. Holliday, Pamela B. Lawhead, John Lewis, Myles F. McNally, Christopher H. Nevison, Cheng Ng, George J. Pothering, Tommi Teräsvirta

December 1998 **Working Group reports of the 3rd annual SIGCSE/SIGCUE ITiCSE conference on Integrating technology into computer science education ITiCSE-WGR '98**

**Publisher:** ACM PressFull text available:  [pdf\(107.98 KB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)**6** [A lightweight, message-oriented application server for the WWW](#)

Ralf-Dieter Schimkat, Stefan Müller, Wolfgang Küchlin

March 2000 **Proceedings of the 2000 ACM symposium on Applied computing - Volume 2 SAC '00**

**Publisher:** ACM PressFull text available:  [pdf\(1.37 MB\)](#)Additional Information: [full citation](#), [references](#), [index terms](#)

**Keywords:** application integration, application server, message bus, uniform Web interface

**7** [Compiling standard ML to Java bytecodes](#)

Nick Benton, Andrew Kennedy, George Russell

September 1998 **ACM SIGPLAN Notices , Proceedings of the third ACM SIGPLAN international conference on Functional programming ICFP '98**, Volume 34 Issue 1


**Publisher:** ACM PressFull text available:  [pdf\(1.54 MB\)](#)Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

MLJ compiles SML'97 into verifier-compliant Java byte-codes. Its features include type-checked interlanguage working extensions which allow ML and Java code to call each other, automatic recompilation management, compact compiled code and runtime performance which, using a 'just in time' compiling Java virtual machine, usually exceeds that of existing specialised bytecode interpreters for ML. Notable features of the compiler itself include whole-program optimisation based on rewriting, compiliati ...

**8** [An architecture for a secure service discovery service](#)

Steven E. Czerwinski, Ben Y. Zhao, Todd D. Hodes, Anthony D. Joseph, Randy H. Katz

August 1999 **Proceedings of the 5th annual ACM/IEEE international conference on Mobile computing and networking MobiCom '99**

**Publisher:** ACM PressFull text available:  [pdf\(1.47 MB\)](#)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

# 9 Design and implementation of a distributed virtual machine for networked computers



Emin Gün Sirer, Robert Grimm, Arthur J. Gregory, Brian N. Bershad

December 1999 **ACM SIGOPS Operating Systems Review , Proceedings of the seventeenth ACM symposium on Operating systems principles SOSP '99**, Volume 33 Issue 5

**Publisher:** ACM Press

Full text available: pdf(1.62 MB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

This paper describes the motivation, architecture and performance of a distributed virtual machine (DVM) for networked computers. DVMs rely on a distributed service architecture to meet the manageability, security and uniformity requirements of large, heterogeneous clusters of networked computers. In a DVM, system services, such as verification, security enforcement, compilation and optimization, are factored out of clients and located on powerful network servers. This partitioning of system fun ...

# 10 The Désert environment



Steven P. Reiss

October 1999 **ACM Transactions on Software Engineering and Methodology (TOSEM)**, Volume 8 Issue 4

**Publisher:** ACM Press

Full text available: pdf(868.64 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#), [review](#)

The Desert software engineering environment is a suite of tools developed to enhance programmer productivity through increased tool integration. It introduces an inexpensive form of data integration to provide additional tool capabilities and information sharing among tools, uses a common editor to give high-quality semantic feedback and to integrate different types of software artifacts, and builds virtual files on demand to address specific tasks. All this is done in an open and extensibl ...

**Keywords:** integrated programming environments, program editors

# 11 An XJML-based wrapper generator for Web information extraction



Ling Liu, Wei Han, David Buttler, Calton Pu, Wei Tang

June 1999 **ACM SIGMOD Record , Proceedings of the 1999 ACM SIGMOD international conference on Management of data SIGMOD '99**, Volume 28 Issue 2

**Publisher:** ACM Press

Full text available: pdf(511.63 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

# 12 An XML framework for agent-based E-commerce



Robert J. Glushko, Jay M. Tenenbaum, Bart Meltzer

March 1999 **Communications of the ACM**, Volume 42 Issue 3

**Publisher:** ACM Press

Full text available: pdf(277.43 KB)

html(33.22 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

# 13 WCML: paving the way for reuse in object-oriented Web engineering



Martin Gaedke, Christian Segor, Han-Werner Gellersen

March 2000 **Proceedings of the 2000 ACM symposium on Applied computing - Volume 2 SAC '00**

**Publisher:** ACM Press

Full text available: pdf(917.08 KB)

Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** Web engineering, XML, component-based Web development, object-orientation, software reuse

14 Implementing catalog clearinghouses with XML and XSL



Andrew V. Royappa

February 1999 **Proceedings of the 1999 ACM symposium on Applied computing SAC '99**

**Publisher:** ACM Press

Full text available: [pdf\(753.90 KB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

**Keywords:** SGML, XML, XSL, e-commerce

15 Re-targetability in software tools



Premkumar T. Devanbu

September 1999 **ACM SIGAPP Applied Computing Review**, Volume 7 Issue 3

**Publisher:** ACM Press

Full text available: [pdf\(756.28 KB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

Software tool construction is a risky business, with uncertain rewards. Many tools never get used. This is a truism: software tools, however brilliantly conceived, well-designed, and meticulously constructed, have little impact unless they are actually adopted by real programmers. While there are no sure-fire ways of ensuring that a tool will be used, experience indicates that *retargetability* is an important enabler for wide adoption. In this paper, we elaborate on the need for retargetab ...

16 Software engineering and the Internet: a roadmap



Luca Bompani, Paolo Ciancarini, Fabio Vitali

May 2000 **Proceedings of the Conference on The Future of Software Engineering ICSE '00**

**Publisher:** ACM Press

Full text available: [pdf\(1.73 MB\)](#) Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

17 Multimedia description framework (MDF) for content description of audio/video documents



Michael J. Hu, Ye Jian

August 1999 **Proceedings of the fourth ACM conference on Digital libraries DL '99**

**Publisher:** ACM Press

Full text available: [pdf\(206.64 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

**Keywords:** content description, media search and retrieval, meta-data

18 The express Web server: a user interface for standards development



David A. Sauder, Joshua Lubell

February 1999 **Proceedings of the 1999 ACM symposium on Applied computing SAC '99**

**Publisher:** ACM Press

Full text available: [pdf\(732.89 KB\)](#) Additional Information: [full citation](#), [references](#), [index terms](#)

**Keywords:** EXPRESS, STEP (ISO 10303), WWW, cgi.tcl, dynamic HTML

**19** CHIME: a metadata-based distributed software development environment

Stephen E. Dossick, Gail E. Kaiser

October 1999 **ACM SIGSOFT Software Engineering Notes , Proceedings of the 7th European software engineering conference held jointly with the 7th ACM SIGSOFT international symposium on Foundations of software engineering ESEC/FSE-7**, Volume 24 Issue 6

**Publisher:** Springer-Verlag, ACM Press

Full text available: [pdf\(940.46 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [citations](#), [index terms](#)

We introduce CHIME, the Columbia Hypermedia IMMersion Environment, a metadata-based information environment, and describe its potential applications for internet and intranet-based distributed software development. CHIME derives many of its concepts from Multi-User Domains (MUDs), placing users in a semi-automatically generated 3D virtual world representing the software system. Users interact with project artifacts by "walking around" the virtual world, where they potentially en ...

**20** Evolutionary design of complex software (EDCS) demonstration days 1999

Wayne Stidolph

January 2000 **ACM SIGSOFT Software Engineering Notes**, Volume 25 Issue 1

**Publisher:** ACM Press

Full text available: [pdf\(1.90 MB\)](#) Additional Information: [full citation](#), [abstract](#), [index terms](#)

This report summarizes the Product/Technology demonstrations given at Defense Advanced Research Projects Agency (DARPA) Evolutionary Design of Complex Software (EDCS) Program Demonstration Days, held 28-29 June 1999 at the Sheraton National Hotel, Arlington, VA.

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